



SEQUENCE LISTING

<110> ANANTHARAMIAH, GATTADAHALLI M.
GARBER, DAVID W.
DATTA, GEETA

<120> SYNTHETIC SINGLE DOMAIN POLYPEPTIDES MIMICKING
APOLIPOPROTEIN E AND METHODS OF USE

<130> 112739-123US

<140> 10/712,447
<141> 2003-11-13

<150> 60/425,821
<151> 2002-11-13

<160> 210

<170> PatentIn Ver. 3.2

<210> 1
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> c-term amidated

<400> 1
Gly Ile Lys Lys Phe Leu Gly Ser Ile Trp Lys Phe Ile Trp Lys Phe
1 5 10 15
Ile Lys Ala Tyr Gly
20

<210> 2
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<223> c-term amidated

<400> 2

Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 3

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<220>

<223> c-term amidated

<400> 3

Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Leu Lys Glu
 1 5 10 15

Ala Phe

<210> 4

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 4

Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Val Gly

<210> 5

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 5
 Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 6
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 6
 Leu Arg Lys Leu Arg Lys Arg Leu Leu Arg
 1 5 10

<210> 7
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 7
 Gly Ile Lys Lys Phe Leu Gly Ser Ile Trp Lys Phe Ile Lys Ala Phe
 1 5 10 15

Val Gly

<210> 8
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 8
 Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 9
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 9
 Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Leu Ala Glu
 1 5 10 15

Ala Phe

<210> 10
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 10
 Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 11
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 11
 Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg
 1 5 10

<210> 12
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 12

Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
1 5 10

<210> 13

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 13

Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
1 5 10 15

Tyr Gly

<210> 14

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 14

Gly Ile Trp Arg Phe Leu Gly Ser Ile Arg Arg Phe Ile Arg Ala Phe
1 5 10 15

Tyr Gly

<210> 15

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 15

Gly Ile Gly Arg Phe Leu Arg Ser Ile Trp Gly Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Arg

<210> 16

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 16

Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Gly Ala Phe
 1 5 10 15

Tyr Arg

<210> 17

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 17

Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Ala Phe Ile Arg Arg Phe
 1 5 10 15

Tyr Gly

<210> 18

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 18

Gly Ile Arg Arg Phe Leu Ser Gly Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 19
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 19
 Gly Ile Arg Arg Phe Leu Ser Gly Ile Trp Ala Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 20
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 20
 Gly Ile Trp Arg Phe Leu Ser Gly Ile Arg Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 21
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 21
 Gly Ile Arg Arg Phe Leu Gly Ala Ile Trp Arg Phe Ile Arg Ser Phe
 1 5 10 15

Tyr Gly

<210> 22
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 22
 Gly Ile Trp Arg Phe Leu Gly Ala Ile Trp Arg Phe Ile Arg Ser Phe
 1 5 10 15

Tyr Gly

<210> 23
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 23
 Gly Tyr Phe Ala Arg Ile Phe Arg Trp Ile Ser Gly Leu Phe Arg Arg
 1 5 10 15

Ile Gly

<210> 24
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 24
 Gly Tyr Phe Ala Arg Ile Phe Arg Arg Ile Ser Gly Leu Phe Arg Trp
 1 5 10 15

Ile Gly

<210> 25
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 25
 Arg Tyr Phe Ala Arg Ile Phe Gly Trp Ile Ser Arg Leu Phe Arg Gly
 1 5 10 15

Ile Gly

<210> 26
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 26
 Arg Tyr Phe Ala Gly Ile Phe Arg Trp Ile Ser Arg Leu Phe Arg Gly
 1 5 10 15

Ile Gly

<210> 27
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 27
 Gly Tyr Phe Arg Arg Ile Phe Ala Trp Ile Ser Gly Leu Phe Arg Arg
 1 5 10 15

Ile Gly

<210> 28
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 28
 Gly Tyr Phe Ala Arg Ile Phe Arg Trp Ile Gly Ser Leu Phe Arg Arg
 1 5 10 15

Ile Gly

<210> 29
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 29
 Gly Tyr Phe Ala Arg Ile Phe Arg Trp Ile Gly Ser Leu Phe Arg Arg
 1 5 10 15

Ile Gly

<210> 30
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 30
 Gly Tyr Phe Arg Arg Ile Phe Arg Arg Ile Gly Ser Leu Phe Ala Trp
 1 5 10 15

Ile Gly

<210> 31
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 31
 Gly Tyr Phe Ser Arg Ile Phe Arg Trp Ile Ala Gly Leu Phe Arg Arg
 1 5 10 15

Ile Gly

<210> 32
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 32
 Gly Tyr Phe Ser Arg Ile Phe Arg Trp Ile Ala Gly Leu Phe Arg Trp
 1 5 10 15

Ile Gly

<210> 33
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (3) .. (4)
 <223> (DiMe) Lys

<220>
 <221> MOD_RES
 <222> (10)
 <223> (DiMe) Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 33
 Gly Ile Lys Lys Phe Leu Gly Trp Ile Lys Ala Phe Ile Ser Lys Phe
 1 5 10 15

Tyr Gly

<210> 34
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (10)..(11)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 34
 Gly Ile Trp Lys Phe Leu Gly Ser Ile Lys Lys Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 35
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (7)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (18)
 <223> (DiMe)Lys

<400> 35
 Gly Ile Gly Lys Phe Leu Lys Ser Ile Trp Gly Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Lys

<210> 36
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (3) .. (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (11)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (18)
 <223> (DiMe)Lys

<400> 36

Gly Ile Lys Lys Phe Leu Gly Ser Ile Trp Lys Phe Ile Gly Ala Phe
 1 5 10 15

Tyr Lys

<210> 37

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<220>

<221> MOD_RES

<222> (3)..(4)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (14)..(15)

<223> (DiMe)Lys

<400> 37

Gly Ile Lys Lys Phe Leu Gly Ser Ile Trp Ala Phe Ile Lys Lys Phe
 1 5 10 15

Tyr Gly

<210> 38

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<220>

<221> MOD_RES

<222> (3)..(4)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (11)

<223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 38
 Gly Ile Lys Lys Phe Leu Ser Gly Ile Trp Lys Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 39
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (3)..(4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)..(15)
 <223> (DiMe)Lys

<400> 39
 Gly Ile Lys Lys Phe Leu Ser Gly Ile Trp Phe Ile Ala Lys Lys Phe
 1 5 10 15

Tyr Gly

<210> 40
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (10)..(11)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 40
 Gly Ile Trp Lys Phe Leu Ser Gly Ile Lys Lys Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 41
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (3)..(4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (11)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 41
 Gly Ile Lys Lys Phe Leu Gly Ala Ile Trp Lys Phe Ile Lys Ser Phe
 1 5 10 15

Tyr Gly

<210> 42
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (10)..(11)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 42
 Gly Ile Trp Lys Phe Leu Gly Ala Ile Lys Lys Phe Ile Lys Ser Phe
 1 5 10 15

Tyr Gly

<210> 43
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (8)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)..(16)
 <223> (DiMe)Lys

<400> 43

Gly Tyr Phe Ala Lys Ile Phe Lys Trp Ile Ser Gly Leu Phe Lys Lys
 1 5 10 15

Ile Gly

<210> 44

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (5)

<223> (DiMe) Lys

<220>

<221> MOD_RES

<222> (8) .. (9)

<223> (DiMe) Lys

<220>

<221> MOD_RES

<222> (15)

<223> (DiMe) Lys

<400> 44

Gly Tyr Phe Ala Lys Ile Phe Lys Lys Ile Ser Gly Leu Phe Lys Trp
 1 5 10 15

Ile Gly

<210> 45

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)

<223> (DiMe) Lys

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (12)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 45
 Lys Tyr Phe Ala Lys Ile Phe Gly Trp Ile Ser Lys Leu Phe Lys Gly
 1 5 10 15

Ile Gly

<210> 46
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (8)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (12)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 46

Lys Tyr Phe Ala Gly Ile Phe Lys Trp Ile Ser Lys Leu Phe Lys Gly
 1 5 10 15

Ile Gly

<210> 47

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (4)..(5)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (15)..(16)

<223> (DiMe)Lys

<400> 47

Gly Tyr Phe Lys Lys Ile Phe Ala Trp Ile Ser Gly Leu Phe Lys Lys
 1 5 10 15

Ile Gly

<210> 48

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (5)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (8)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (15)..(16)

<223> (DiMe)Lys

<400> 48

Gly Tyr Phe Ala Lys Ile Phe Lys Trp Ile Gly Ser Leu Phe Lys Lys
 1 5 10 15

Ile Gly

<210> 49

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<220>

<221> MOD_RES

<222> (5)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (8)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (15)..(16)

<223> (DiMe)Lys

<400> 49

Gly Tyr Phe Ala Lys Ile Phe Lys Trp Ile Gly Ser Leu Phe Lys Lys
 1 5 10 15

Ile Gly

<210> 50

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (4)..(5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (8)..(9)
 <223> (DiMe)Lys

<400> 50
 Gly Tyr Phe Lys Lys Ile Phe Lys Lys Ile Gly Ser Leu Phe Ala Trp
 1 5 10 15

Ile Gly

<210> 51
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (8)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)..(16)
 <223> (DiMe)Lys

<400> 51
 Gly Tyr Phe Ser Lys Ile Phe Lys Trp Ile Ala Gly Leu Phe Lys Lys
 1 5 10 15

Ile Gly

<210> 52
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (5)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (8)..(9)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (15)

<223> (DiMe)Lys

<400> 52

Gly	Tyr	Phe	Ser	Lys	Ile	Phe	Lys	Lys	Ile	Ala	Gly	Leu	Phe	Lys	Trp
1				5					10					15	

Ile Gly

<210> 53

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (3)

<223> (DiMe)Lys

<220>

<221> MOD_RES

<222> (14)

<223> (DiMe)Lys

<400> 53

Gly	Ile	Lys	Arg	Phe	Leu	Gly	Ser	Ile	Trp	Arg	Phe	Ile	Lys	Ala	Phe
1				5					10					15	

Tyr Gly

<210> 54
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 54
 Gly Ile Trp Lys Phe Leu Gly Ser Ile Arg Arg Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 55
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (18)
 <223> (DiMe)Lys

<400> 55
 Gly Ile Gly Lys Phe Leu Arg Ser Ile Trp Gly Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Lys

<210> 56
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (3)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (18)
 <223> (DiMe)Lys

<400> 56
 Gly Ile Lys Arg Phe Leu Gly Ser Ile Trp Arg Phe Ile Gly Ala Phe
 1 5 10 15

Tyr Lys

<210> 57
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 57
 Gly Ile Arg Lys Phe Leu Gly Ser Ile Trp Ala Phe Ile Lys Arg Phe
 1 5 10 15

Tyr Gly

<210> 58
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 58
 Gly Ile Arg Lys Phe Leu Ser Gly Ile Trp Arg Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 59
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 59
 Gly Ile Arg Lys Phe Leu Ser Gly Ile Trp Ala Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 60
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 60
 Gly Ile Trp Lys Phe Leu Ser Gly Ile Arg Arg Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 61
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (3)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 61
 Gly Ile Lys Arg Phe Leu Gly Ala Ile Trp Arg Phe Ile Lys Ser Phe
 1 5 10 15

Tyr Gly

<210> 62
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (14)
 <223> (DiMe)Lys

<400> 62
 Gly Ile Trp Lys Phe Leu Gly Ala Ile Trp Arg Phe Ile Lys Ser Phe
 1 5 10 15

Tyr Gly

<210> 63
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (3)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (10)
 <223> (DiMe)Lys

<400> 63
 Gly Ile Lys Arg Phe Leu Gly Trp Ile Lys Ala Phe Ile Ser Arg Phe
 1 5 10 15

Tyr Gly

<210> 64
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 64
 Gly Tyr Phe Ala Lys Ile Phe Arg Trp Ile Ser Gly Leu Phe Lys Arg
 1 5 10 15

Ile Gly

<210> 65
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 65
 Gly Tyr Phe Ala Lys Ile Phe Arg Arg Ile Ser Gly Leu Phe Lys Trp
 1 5 10 15

Ile Gly

<210> 66
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 66
 Arg Tyr Phe Ala Lys Ile Phe Gly Trp Ile Ser Arg Leu Phe Lys Gly
 1 5 10 15

Ile Gly

<210> 67
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 67
 Arg Tyr Phe Ala Gly Ile Phe Lys Trp Ile Ser Arg Leu Phe Lys Gly
 1 5 10 15

Ile Gly

<210> 68
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 68
 Gly Tyr Phe Arg Lys Ile Phe Ala Trp Ile Ser Gly Leu Phe Lys Arg
 1 5 10 15

Ile Gly

<210> 69
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 69
 Gly Tyr Phe Ala Lys Ile Phe Arg Trp Ile Gly Ser Leu Phe Lys Arg
 1 5 10 15

Ile Gly

<210> 70
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (16)
 <223> (DiMe)Lys

<400> 70
 Gly Tyr Phe Ala Lys Ile Phe Arg Trp Ile Gly Ser Leu Phe Arg Lys
 1 5 10 15

Ile Gly

<210> 71
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (4)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (9)
 <223> (DiMe)Lys

<400> 71
 Gly Tyr Phe Lys Arg Ile Phe Arg Lys Ile Gly Ser Leu Phe Ala Trp
 1 5 10 15

Ile Gly

<210> 72
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> (DiMe)Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> (DiMe)Lys

<400> 72
 Gly Tyr Phe Ser Lys Ile Phe Arg Trp Ile Ala Gly Leu Phe Lys Arg
 1 5 10 15

Ile Gly

<210> 73
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 73
 Gly Tyr Phe Ser Arg Ile Phe Arg Trp Ile Ala Gly Leu Phe Arg Trp
 1 5 10 15

Ile Gly

<210> 74
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 74

Gly Ile Arg Lys Phe Leu Gly Ser Ile Trp Arg Phe Ile Lys Ala Phe
1 5 10 15

Tyr Gly

<210> 75

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 75

Gly Ile Trp Lys Phe Leu Gly Ser Ile Arg Arg Phe Ile Lys Ala Phe
1 5 10 15

Tyr Gly

<210> 76

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 76

Gly Ile Gly Arg Phe Leu Lys Ser Ile Trp Gly Phe Ile Arg Ala Phe
1 5 10 15

Tyr Lys

<210> 77

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 77

Gly Ile Arg Lys Phe Leu Gly Ser Ile Trp Arg Phe Ile Gly Ala Phe
1 5 10 15

Tyr Lys

<210> 78
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 78
 Gly Ile Arg Lys Phe Leu Gly Ser Ile Trp Ala Phe Ile Arg Lys Phe
 1 5 10 15

Tyr Gly

<210> 79
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 79
 Gly Ile Arg Lys Phe Leu Ser Gly Ile Trp Arg Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 80
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 80
 Gly Ile Arg Lys Phe Leu Ser Gly Ile Trp Arg Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 81
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 81
 Gly Ile Trp Lys Phe Leu Ser Gly Ile Arg Arg Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 82
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 82
 Gly Ile Arg Lys Phe Leu Gly Ala Ile Trp Arg Phe Ile Lys Ser Phe
 1 5 10 15

Tyr Gly

<210> 83
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 83
 Gly Tyr Phe Ala Arg Ile Phe Lys Trp Ile Ser Gly Leu Phe Arg Lys
 1 5 10 15

Ile Gly

<210> 84
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 84
 Gly Tyr Phe Ala Arg Ile Phe Lys Arg Ile Ser Gly Leu Phe Lys Trp
 1 5 10 15

Ile Gly

<210> 85
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 85
 Arg Tyr Phe Ala Lys Ile Phe Gly Trp Ile Ser Lys Leu Phe Arg Gly
 1 5 10 15

Ile Gly

<210> 86
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 86
 Arg Tyr Phe Ala Gly Ile Phe Arg Trp Ile Ser Arg Leu Phe Arg Gly
 1 5 10 15

Ile Gly

```
<400> 87
Gly Tyr Phe Lys Arg Ile Phe Ala Trp Ile Ser Gly Leu Phe Lys Arg
  1             5             10             15
Ile Gly
```

```
<220>
<223> Description of Artificial Sequence: Synthetic
      peptide
```

```
<400> 88
Gly Tyr Phe Ala Lys Ile Phe Arg Trp Ile Gly Ser Leu Phe Lys Arg
  1             5             10             15
Ile Gly
```

<220>
<223> Description of Artificial Sequence: Synthetic peptide

```
<400> 89
Gly Tyr Phe Ala Lys Ile Phe Arg Trp Ile Gly Ser Leu Phe Lys Arg
  1             5             10             15
Ile Gly
```

<210> 90
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 90
 Gly Tyr Phe Lys Arg Ile Phe Arg Lys Ile Gly Ser Leu Phe Ala Trp
 1 5 10 15

Ile Gly

<210> 91
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 91
 Gly Ile Arg Lys Phe Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 92
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 92
 Gly Ile Trp Arg Phe Leu Gly Ser Ile Lys Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 93
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 93
Gly Ile Gly Arg Phe Leu Lys Ser Ile Trp Gly Phe Ile Arg Ala Phe
1 5 10 15
Tyr Arg

<210> 94
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 94
Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Lys Phe Ile Gly Ala Phe
1 5 10 15
Tyr Arg

<210> 95
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 95
Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Ala Phe Ile Lys Arg Phe
1 5 10 15
Tyr Gly

<210> 96
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 96
 Gly Ile Arg Arg Phe Leu Ser Gly Ile Trp Arg Phe Ile Lys Ala Phe
 1 5 10 15

Tyr Gly

<210> 97
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 97
 Gly Ile Arg Lys Phe Leu Ser Gly Ile Trp Ala Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 98
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 98
 Gly Ile Trp Arg Phe Leu Ser Gly Ile Lys Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 99
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 99
 Gly Ile Arg Lys Phe Leu Gly Ala Ile Trp Arg Phe Ile Arg Ser Phe
 1 5 10 15

Tyr Gly

<210> 100
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 100
 Gly Ile Trp Arg Phe Leu Gly Ala Ile Trp Lys Phe Ile Arg Ser Phe
 1 5 10 15

Tyr Gly

<210> 101
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 101
 Gly Tyr Phe Ala Arg Ile Phe Arg Trp Ile Ser Gly Leu Phe Lys Arg
 1 5 10 15

Ile Gly

<210> 102
<211> 18
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 102

Gly Tyr Phe Ala Arg Ile Phe Arg Lys Ile Ser Gly Leu Phe Arg Trp
1 5 10 15

Ile Gly

<210> 103
<211> 18
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 103

Arg Tyr Phe Ala Arg Ile Phe Gly Trp Ile Ser Lys Leu Phe Arg Gly
1 5 10 15

Ile Gly

<210> 104
<211> 18
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 104

Lys Tyr Phe Ala Gly Ile Phe Arg Trp Ile Ser Arg Leu Phe Arg Gly
1 5 10 15

Ile Gly

<210> 105
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 105
Gly Tyr Phe Lys Arg Ile Phe Ala Trp Ile Ser Gly Leu Phe Arg Arg
1 5 10 15

Ile Gly

<210> 106
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 106
Gly Tyr Phe Ala Lys Ile Phe Arg Trp Ile Gly Ser Leu Phe Arg Arg
1 5 10 15

Ile Gly

<210> 107
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 107
Gly Tyr Phe Ala Lys Ile Phe Arg Trp Ile Gly Ser Leu Phe Arg Arg
1 5 10 15

Ile Gly

<210> 108
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 108
 Gly Tyr Phe Arg Lys Ile Phe Arg Arg Ile Gly Ser Leu Phe Ala Trp
 1 5 10 15

Ile Gly

<210> 109
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 109
 Gly Tyr Phe Ser Lys Ile Phe Arg Trp Ile Ala Gly Leu Phe Arg Arg
 1 5 10 15

Ile Gly

<210> 110
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 110
 Gly Ile Arg Arg Ile Leu Gly Ser Phe Trp Arg Phe Phe Arg Ala Ile
 1 5 10 15

Tyr Gly

<210> 111
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 111
 Gly Phe Arg Arg Ile Leu Gly Ser Phe Trp Arg Ile Phe Arg Ala Ile
 1 5 10 15

Tyr Gly

<210> 112
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 112
 Gly Phe Arg Arg Ile Leu Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 113
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 113
 Gly Ile Arg Arg Phe Leu Gly Ser Ile Trp Arg Ile Phe Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 114
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 114
 Gly Ile Arg Arg Phe Leu Gly Ser Phe Trp Arg Ile Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 115
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 115
 Gly Leu Arg Arg Phe Ile Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 116
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 116
 Gly Leu Arg Arg Phe Ile Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 117
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 117
 Gly Ile Arg Arg Phe Ile Gly Ser Ile Trp Arg Phe Leu Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 118
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 118
 Gly Ile Arg Arg Phe Leu Gly Ser Phe Trp Arg Ile Phe Arg Ala Ile
 1 5 10 15

Tyr Gly

<210> 119
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 119
 Gly Phe Arg Arg Phe Leu Gly Ser Phe Trp Arg Ile Ile Arg Ala Ile
 1 5 10 15

Tyr Gly

<210> 120
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 120
 Gly Ile Arg Arg Phe Leu Gly Ser Ile Tyr Arg Phe Ile Arg Ala Phe
 1 5 10 15

Trp Gly

<210> 121
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 121
 Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
 1 5 10 15

Leu Gly

<210> 122
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 122
 Gly Tyr Ile Ala Arg Phe Ile Arg Trp Phe Ser Gly Leu Ile Arg Arg
 1 5 10 15

Phe Gly

<210> 123
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 123
Gly Tyr Gly Ala Arg Ile Phe Arg Trp Ile Ser Gly Leu Ile Arg Arg
1 5 10 15

Phe Gly

<210> 124
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 124
Gly Tyr Phe Ala Arg Phe Ile Arg Trp Ile Ser Gly Leu Phe Arg Arg
1 5 10 15

Ile Gly

<210> 125
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 125
Gly Tyr Phe Ala Arg Ile Phe Arg Trp Ile Ser Gly Ile Phe Arg Arg
1 5 10 15

Leu Gly

<210> 126
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 126
Gly Tyr Ile Ala Arg Ile Phe Arg Trp Phe Ser Gly Leu Phe Arg Arg
1 5 10 15

Ile Gly

<210> 127
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 127
Gly Leu Arg Arg Phe Ile Gly Ser Leu Trp Arg Phe Leu Arg Ala Phe
1 5 10 15

Tyr Gly

<210> 128
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 128
Gly Tyr Phe Ala Arg Leu Phe Arg Trp Leu Ser Gly Ile Phe Arg Arg
1 5 10 15

Leu Gly

<210> 129
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 129

Gly Ile Arg Arg Phe Leu Gly Ser Leu Trp Arg Phe Leu Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 130
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 130

Gly Tyr Phe Ala Arg Leu Phe Arg Trp Leu Ser Phe Leu Phe Arg Arg
 1 5 10 15

Ile Gly

<210> 131
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 131

Gly Leu Arg Arg Phe Leu Gly Ser Ile Trp Arg Phe Leu Arg Ala Phe
 1 5 10 15

Tyr Gly

<210> 132
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 132

Gly Tyr Phe Ala Arg Leu Phe Arg Trp Ile Ser Gly Leu Phe Arg Arg
 1 5 10 15

Leu Gly

<210> 133
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 133

Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg
 1 5 10

<210> 134
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 134

Arg Ile Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg Ile Gly
 1 5 10

<210> 135
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 135

Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
1 5 10

<210> 136

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 136

Phe Ala Arg Ile Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg
1 5 10

<210> 137

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 137

Gly Leu Arg Arg Phe Tyr Gly Ser Leu Trp Arg Phe Leu Arg
1 5 10

<210> 138

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 138

Arg Leu Phe Arg Trp Leu Ser Gly Tyr Phe Arg Arg Leu Gly
1 5 10

<210> 139

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 139

Arg Arg Phe Tyr Gly Ser Leu Trp Arg Phe Leu Arg Ala Phe
1 5 10

<210> 140

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 140

Phe Ala Arg Leu Phe Arg Trp Leu Ser Gly Tyr Phe Arg Arg
1 5 10

<210> 141

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 141

Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Leu Arg
1 5 10

<210> 142

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 142

Arg Leu Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg Ile Gly
1 5 10

<210> 143
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 143
 Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Leu Arg Ala Phe
 1 5 10

<210> 144
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 144
 Phe Ala Arg Leu Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg
 1 5 10

<210> 145
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 145
 Gly Ile Arg Arg Phe Tyr Gly Ser Leu Trp Arg Phe Leu Arg
 1 5 10

<210> 146
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 146
 Arg Leu Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg Leu Gly
 1 5 10

<210> 147
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 147
Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Leu Arg Ala Phe
1 5 10

<210> 148
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 148
Phe Ala Arg Ile Phe Arg Trp Leu Ser Gly Tyr Phe Arg Arg
1 5 10

<210> 149
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 149
Gly Phe Arg Arg Ile Tyr Gly Ser Ile Trp Arg Phe Ile Arg
1 5 10

<210> 150
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 150

Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Arg Ile Phe Arg
1 5 10

<210> 151

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 151

Arg Phe Ile Arg Trp Ile Ser Gly Tyr Phe Arg Arg Ile Gly
1 5 10

<210> 152

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 152

Arg Ile Phe Arg Trp Ile Ser Gly Tyr Ile Arg Arg Phe Gly
1 5 10

<210> 153

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 153

Arg Ile Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg Leu Gly
1 5 10

<210> 154

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 154

Arg Leu Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg Ile Gly
1 5 10

<210> 155

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 155

Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Leu Arg
1 5 10

<210> 156

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 156

Gly Leu Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg
1 5 10

<210> 157

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 157

Gly Ile Arg Arg Phe Tyr Gly Ser Leu Trp Arg Phe Ile Arg
1 5 10

<210> 158
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 158

Gly Ile Arg Arg Tyr Phe Gly Ser Ile Trp Arg Phe Ile Arg
 1 5 10

<210> 159
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 159

Gly Ile Arg Arg Tyr Phe Gly Ser Ile Trp Arg Phe Leu Arg
 1 5 10

<210> 160
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 160

Gly Ile Arg Arg Tyr Phe Gly Ser Leu Trp Arg Phe Ile Arg
 1 5 10

<210> 161
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 161

Arg Ile Phe Arg Trp Ile Ser Gly Phe Tyr Arg Arg Ile Gly
 1 5 10

<210> 162
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 162
Arg Leu Phe Arg Trp Ile Ser Gly Phe Tyr Arg Arg Leu Gly
1 5 10

<210> 163
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 163
Arg Ile Phe Arg Trp Leu Ser Gly Phe Tyr Arg Arg Ile Gly
1 5 10

<210> 164
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 164
Arg Leu Phe Arg Trp Leu Ser Gly Phe Tyr Arg Arg Ile Gly
1 5 10

<210> 165
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 165

Arg Phe Leu Arg Trp Ile Ser Gly Tyr Phe Arg Arg Ile Gly
1 5 10

<210> 166

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 166

Arg Phe Leu Arg Trp Ile Ser Gly Phe Tyr Arg Arg Ile Gly
1 5 10

<210> 167

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 167

Gly Phe Arg Arg Leu Tyr Gly Ser Ile Trp Arg Phe Ile Arg
1 5 10

<210> 168

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 168

Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Arg Ile Phe Arg
1 5 10

<210> 169

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 169

Gly Ile Lys Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg
1 5 10

<210> 170

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 170

Arg Ile Phe Arg Trp Ile Ser Gly Tyr Phe Arg Lys Ile Gly
1 5 10

<210> 171

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 171

Arg Lys Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg Ala Phe
1 5 10

<210> 172

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 172

Phe Ala Arg Ile Phe Arg Trp Ile Ser Gly Tyr Phe Lys Arg
1 5 10

<210> 173
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 173
 Gly Leu Lys Arg Phe Tyr Gly Ser Leu Trp Arg Phe Leu Arg
 1 5 10

<210> 174
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 174
 Arg Leu Phe Arg Trp Leu Ser Gly Tyr Phe Arg Lys Leu Gly
 1 5 10

<210> 175
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 175
 Arg Lys Phe Tyr Gly Ser Leu Trp Arg Phe Leu Arg Ala Phe
 1 5 10

<210> 176
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 176
 Phe Ala Arg Leu Phe Arg Trp Leu Ser Gly Tyr Phe Lys Arg
 1 5 10

<210> 177
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 177
Gly Ile Lys Arg Phe Tyr Gly Ser Ile Trp Arg Phe Leu Arg
1 5 10

<210> 178
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 178
Arg Leu Phe Arg Trp Ile Ser Gly Tyr Phe Arg Lys Ile Gly
1 5 10

<210> 179
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 179
Arg Lys Phe Tyr Gly Ser Ile Trp Arg Phe Leu Arg Ala Phe
1 5 10

<210> 180
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 180

Phe Ala Arg Leu Phe Arg Trp Ile Ser Gly Tyr Phe Lys Arg
1 5 10

<210> 181

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 181

Gly Ile Arg Lys Phe Tyr Gly Ser Leu Trp Arg Phe Leu Arg
1 5 10

<210> 182

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 182

Arg Leu Phe Lys Trp Ile Ser Gly Tyr Phe Arg Arg Leu Gly
1 5 10

<210> 183

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 183

Arg Arg Phe Tyr Gly Ser Ile Trp Arg Phe Leu Lys Ala Phe
1 5 10

<210> 184

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 184

Phe Ala Lys Ile Phe Arg Trp Leu Ser Gly Tyr Phe Arg Arg
1 5 10

<210> 185

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 185

Gly Phe Arg Arg Ile Tyr Gly Ser Ile Trp Arg Phe Ile Lys
1 5 10

<210> 186

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 186

Gly Ile Arg Lys Phe Tyr Gly Ser Ile Trp Arg Ile Phe Arg
1 5 10

<210> 187

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 187

Arg Phe Ile Arg Trp Ile Ser Gly Tyr Phe Arg Lys Ile Gly
1 5 10

<210> 188
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 188
 Arg Ile Phe Lys Trp Ile Ser Gly Tyr Ile Arg Arg Phe Gly
 1 5 10

<210> 189
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 189
 Arg Ile Phe Arg Trp Ile Ser Gly Tyr Phe Arg Lys Leu Gly
 1 5 10

<210> 190
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 190
 Lys Leu Phe Arg Trp Ile Ser Gly Tyr Phe Arg Arg Ile Gly
 1 5 10

<210> 191
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 191
 Gly Ile Arg Arg Phe Tyr Gly Ser Ile Trp Lys Phe Leu Arg
 1 5 10

<210> 192
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 192
 Gly Leu Lys Arg Phe Tyr Gly Ser Ile Trp Arg Phe Ile Arg
 1 5 10

<210> 193
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 193
 Gly Ile Arg Arg Phe Tyr Gly Ser Leu Trp Lys Phe Ile Arg
 1 5 10

<210> 194
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 194
 Gly Ile Arg Arg Tyr Phe Gly Ser Leu Trp Arg Phe Ile Arg
 1 5 10

<210> 195
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 195

Gly Leu Arg Arg Tyr Phe Gly Ser Ile Trp Arg Phe Leu Arg
1 5 10

<210> 196

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 196

Gly Ile Arg Arg Tyr Phe Ser Gly Leu Trp Arg Phe Ile Arg
1 5 10

<210> 197

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 197

Arg Phe Leu Arg Trp Ile Ser Gly Phe Tyr Arg Arg Ile Gly
1 5 10

<210> 198

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 198

Arg Leu Phe Arg Trp Ile Ser Gly Phe Tyr Arg Arg Leu Gly
1 5 10

<210> 199

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 199

Arg Phe Leu Arg Trp Leu Ser Gly Phe Tyr Arg Arg Ile Gly
1 5 10

<210> 200

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 200

Arg Leu Ile Arg Trp Leu Ser Gly Phe Tyr Arg Arg Phe Gly
1 5 10

<210> 201

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 201

Arg Phe Leu Arg Trp Phe Ser Gly Tyr Ile Arg Arg Ile Gly
1 5 10

<210> 202

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 202

Arg Phe Leu Arg Trp Ile Ser Gly Tyr Phe Arg Arg Ile Gly
1 5 10

<210> 203
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 203
 Gly Phe Arg Arg Leu Tyr Ser Gly Ile Trp Arg Phe Ile Arg
 1 5 10

<210> 204
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 204
 Gly Ile Arg Arg Tyr Phe Gly Ser Ile Trp Arg Ile Phe Arg
 1 5 10

<210> 205
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 205
 Gly Ile Arg Arg Phe Leu Gly Trp Ile Arg Ala Phe Ile Ser Arg Phe
 1 5 10 15

Val Gly Arg

<210> 206
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (3)..(4)
 <223> DiMe-Lys

<220>
 <221> MOD_RES
 <222> (10)
 <223> DiMe-Lys

<220>
 <221> MOD_RES
 <222> (15)
 <223> DiMe-Lys

<400> 206
 Gly Ile Lys Lys Phe Leu Gly Trp Ile Lys Ala Phe Ile Ser Lys Phe
 1 5 10 15

Val Gly

<210> 207
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (3)
 <223> DiMe-Lys

<220>
 <221> MOD_RES
 <222> (10)
 <223> DiMe-Lys

<400> 207
 Gly Ile Lys Arg Phe Leu Gly Trp Ile Lys Ala Phe Ile Ser Arg Phe
 1 5 10 15

Val Gly

<210> 208
 <211> 18
 <212> PRT
 <213> Artificial Sequence

```

<220>
<223> Description of Artificial Sequence: Synthetic
      peptide

<220>
<221> MOD_RES
<222> (1)
<223> Gly, Thr, Ser or Ala

<220>
<221> MOD_RES
<222> (2)
<223> any hydrophobic amino acid

<220>
<221> MOD_RES
<222> (5)..(6)
<223> any hydrophobic amino acid

<220>
<221> MOD_RES
<222> (7)..(8)
<223> Gly, Thr, Ser or Ala

<220>
<221> MOD_RES
<222> (9)..(10)
<223> any hydrophobic amino acid

<220>
<221> MOD_RES
<222> (12)..(13)
<223> any hydrophobic amino acid

<220>
<221> MOD_RES
<222> (15)
<223> Gly, Thr, Ser or Ala

<220>
<221> MOD_RES
<222> (16)..(17)
<223> any hydrophobic amino acid

<220>
<221> MOD_RES
<222> (18)
<223> Gly, Thr, Ser or Ala

<400> 208
Xaa Xaa Arg Arg Xaa Xaa Xaa Xaa Xaa Arg Xaa Xaa Arg Xaa Xaa
 1             5             10             15

```

Xaa Xaa

<210> 209

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (3)..(4)

<223> any hydrophobic amino acid

<220>

<221> MOD_RES

<222> (5)..(6)

<223> Gly, Thr, Ser or Ala

<220>

<221> MOD_RES

<222> (7)..(8)

<223> any hydrophobic amino acid

<220>

<221> MOD_RES

<222> (10)..(11)

<223> any hydrophobic amino acid

<220>

<221> MOD_RES

<222> (13)

<223> Gly, Thr, Ser or Ala

<220>

<221> MOD_RES

<222> (14)

<223> any hydrophobic amino acid

<400> 209

Arg Arg Xaa Xaa Xaa Xaa Xaa Arg Xaa Xaa Arg Xaa Xaa
 1 5 10

<210> 210

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (1)

<223> Gly, Thr, Ser or Ala

<220>

<221> MOD_RES

<222> (2)

<223> any hydrophobic amino acid

<220>

<221> MOD_RES

<222> (5)..(6)

<223> any hydrophobic amino acid

<220>

<221> MOD_RES

<222> (7)..(8)

<223> Gly, Thr, Ser or Ala

<220>

<221> MOD_RES

<222> (9)..(10)

<223> any hydrophobic amino acid

<220>

<221> MOD_RES

<222> (12)..(13)

<223> any hydrophobic amino acid

<400> 210

Xaa Xaa Arg Arg Xaa Xaa Xaa Xaa Xaa Xaa Arg Xaa Xaa Arg
 1 5 10